

## **Colorado River Front Work and Levee System**

**LOCATION:** This project is located in Mohave, La Paz, and Yuma Counties in western Arizona; Riverside, San Bernardino, and Imperial Counties in southeastern California; and Clark County in southern Nevada.

**DESCRIPTION/JUSTIFICATION:** The Colorado River Front Work and Levee System extends approximately 700 river miles from Lee's Ferry, Arizona (the division point between the upper and lower Colorado River Basins), to the International Boundary between the United States and Mexico. Colorado River Front Work and Levee System is a drainage and minor construction program to control floods, improve navigation, and regulate the flows of the Colorado River. The lower Colorado River extends about 280 river miles from Davis Dam to the border, and transverses three wildlife refuges, five Indian reservations, and six irrigation districts. For administrative purposes, this reach of the river has been divided into ten operational divisions. These divisions, starting at Davis Dam and proceeding in order downstream, are: Mohave Valley, Topock Gorge, Havasu, Parker, Palo Verde, Cibola, Imperial, Laguna, Yuma, and Limitrophe. Major project facilities include the offstream Senator Wash Dam and Reservoir, a pump generating plant, access roads, water crossing facilities, armored banklines, and flood control levees.

The project regulates the meandering river channel by the use of bankline structures with riprap protection or a riprap protected dredge channel. Settling basins for trapping sediment have been built upstream from Topock Bridge and Laguna Dam. Water salvage activities along the lower Colorado River include controlling the size of open water areas, selective clearing of phreatophytes, draining the river valley, and establishing deeper backwater areas. Major groundwater control and recovery programs have been undertaken by development of well fields and conveyance systems in the South Gila and Yuma valleys and on the Yuma Mesa.

**AUTHORIZATION:** P.L. 585, Colorado River Front Work and Levee System Adjacent to Yuma Project, March 3, 1925; P.L. 560, Colorado River Front Work and Levee System, January 21, 1927; P.L. 697, Amend Colorado River Front Work and Levee System Act, July 1, 1940; P.L. 469, Amend Colorado River Front Work and Levee System Act, June 28, 1946; P.L. 85-389, Amend Colorado River Front Work and Levee System Act, May 1, 1958; and P.L. 99-450, Colorado River Floodway Protection Act, October 8, 1986.

### **SUMMARIZED FINANCIAL DATA**

#### **Program Financial Data**

..... Colorado River Front Work and Levee System

Activity	FY 2001	FY 2002
Water and Energy Management and Development	\$3,722,000	\$2,059,000
Fish and Wildlife Management and Development	380,000	1,044,000
Total Program	\$4,102,000	\$3,103,000
Prior Year Funds	0	0
Enacted	\$4,102,000	\$3,103,000
FY 2001 Rescission (P.L. 106-554)	(9,000)	0
Total Reclamation Allotment	\$4,093,000	\$3,103,000

**Total Construction Costs to be Allocated**

	Total Estimated Cost	Total to 9/30/00	FY 2001	FY 2002	Balance to Complete
Reclamation	\$147,873,022	\$98,397,022	\$4,093,000	\$3,103,000	\$42,280,000
Non-Federal	0	0	0	0	0
Total	\$147,873,022	\$98,397,022	\$4,093,000	\$3,103,000	\$42,280,000

**WORK PROPOSED FOR FY 2002**

**Water and Energy Management and Development** - Continues miscellaneous activities on North Gila Levee protective works to obtain a level of flood protection for Reclamation facilities, rural populations, and agricultural facilities in the North Gila Valley, equivalent to that provided in the South Gila Valley.  
\$50,000

Continues work on Colorado River channel alignment structures to stabilize the bankline and restrict the river to the main channel during high releases from upstream dams, protecting rural populations, and Federal and agricultural facilities. Completes Section 110 river survey contracts.  
390,000

Begins rehabilitation of the Pretty Water area of the Palo Verde Drain. Continues work with the International Boundary and Water Commission in the rehabilitation of a pumping plant and construction of a diversion channel at the Southerly International Boundary with Mexico. Continues preliminary design and evaluation of regulatory storage facilities to assure water deliver to Mexico consistent with Treaty requirements. Completes well tie-in to the Yuma Mesa Conduit to improve the undersized and inadequate Yuma area drainage system and increase the efficiency of groundwater reduction efforts.  
1,619,000

Subtotal, Water and Energy Management and Development **\$2,059,000**

**Fish and Wildlife Management and Development** - Continues enhancement work on deteriorated backwaters among the approximate total of 350 Colorado River backwater areas in the 276 river miles between Davis Dam and the Southerly International Boundary. These efforts address Reclamation's ongoing goal of no net loss of wetlands or endangered species habitat.  
**1,044,000**

**Reclamation Request** **\$3,103,000**